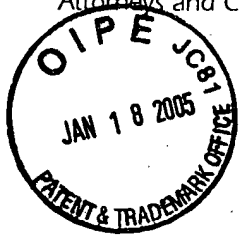


January 14, 2005

495 Metro Place South, Suite 210
Dublin, Ohio 43017-5319
Telephone (614) 792-5555
Fax (614) 792-5536
www.standleyllp.com



**Via Facsimile 703-872-9306 and
U.S. First Class Mail**

Ms. Retta Williams
Office of Petitions
Mail Stop Petitions
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RE: Title: PROTEIN-FREE DEFINED MEDIA FOR THE GROWTH
OF NORMAL HUMAN KERATINOCYTES
Serial No.: 09/694,393
Inventor: John Wille
Our Reference: HYG 1194-011D

Dear Ms. Williams:

In accordance with your telephone conversation this morning with Vickie D'Alessandro, enclosed is the March 12, 2004 Petition to Revive. Included with this mailing are the Figures described on Page 4 of the Petition. These figures apparently were either misplaced and/or dislodged from the March 12, 2004 filing.

We appreciate your prompt attention to this matter. If you have any further questions or need further documentation, please do not hesitate to call.

Thank you for your assistance in this matter.

Very truly yours,

A handwritten signature in cursive script that reads "Cheryl S. Scotney".

Cheryl S. Scotney

CSS:vad
Enclosures



STANDLEY LAW GROUP LLP
ATTORNEYS AND COUNSELORS AT LAW
495 METRO PLACE SOUTH
SUITE 210
DUBLIN, OH 43017-5315

| DATE | INVOICE | AMOUNT |
|------|---------|--------|
| | | |
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| | | |
| | | |

25-3/440

7822

PAY Six Hundred and Sixty-five XX DOLLARS

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AMOUNT

| DATE | TO THE ORDER OF | DESCRIPTION |
|---------|-------------------------|-----------------------|
| 3/12/04 | Commissioner of Patents | HYG1194-0110 Petition |

\$ 1665.00

TWO SIGNATURES REQUIRED IF OVER \$4,000.00

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Columbus, Ohio 43271
www.bankone.com

[Signature]

⑈007822⑈ ⑆044000037⑆ 980240944⑈

SECURITY FEATURES: MICRO PRINT BORDERS • COLORED BRICK PATTERN • WATERMARK & CARBON STRIP ON REVERSE SIDE • MISSING FEATURE INDICATES A COPY

Client/Matter No. HYG1194-0110 Serial No. 09/04/393 Filing Date: 3-12-04
Applicant: Wt. Co. Client: HY-Gene Biomedical
Title/Mark: Protein-Free Defined Media for the Growth...

THE MAIL ROOM STAMP BELOW ACKNOWLEDGES RECEIPT OF THE FOLLOWING DOCUMENTS ON THE DATE INDICATED ON THE MAIL ROOM STAMP.

- | | |
|--|---|
| <input type="checkbox"/> Appl'n for Patent with: _____pgs. of application _____pgs. drawings informal/formal <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Request Not to Publish <input type="checkbox"/> Inventor's Declaration <input type="checkbox"/> POA _____# <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO-1449 <input type="checkbox"/> Copies of References <input type="checkbox"/> Resp. Notice of Missing Req./Formalities Req. <input type="checkbox"/> Amendment _____ <input type="checkbox"/> _____pgs. formal drawings <input type="checkbox"/> Issue Fee forms _____ <input type="checkbox"/> Assignment & Assignment Recordation form <input checked="" type="checkbox"/> Transmittal Letter <input checked="" type="checkbox"/> Fee Calculation Sheet <input checked="" type="checkbox"/> Check No.: <u>\$1665.00</u> <input checked="" type="checkbox"/> Certificate of Mailing date of: <u>3-12-2004</u> | <input type="checkbox"/> Maintenance Fee Trans. <input type="checkbox"/> Fee Address Indication <input type="checkbox"/> PCT Request <input type="checkbox"/> PCT Demand <input type="checkbox"/> Request for _____mo. Ext. of Time <input type="checkbox"/> Appl'n for TM / SM <input type="checkbox"/> Use Based <input type="checkbox"/> ITU <input type="checkbox"/> Specimen <input type="checkbox"/> Allegation of Use <input type="checkbox"/> Section 8 & 15 Affidavit <input type="checkbox"/> Section 8 & 9 Renewal <input type="checkbox"/> Appl'n for Copyright Registration Form _____# deposits _____ <input checked="" type="checkbox"/> <u>Petition to Re-examine</u> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ Express Mail No.: _____ |
|--|---|

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|---|----------------------|------------------------|---------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 09/694,393 | |
| | Filing Date | 10/23/2000 | |
| | First Named Inventor | Wille, Jr. | |
| | Art Unit | Technology Center 1600 | |
| | Examiner Name | Bruce Kisliuk | |
| Total Number of Pages in This Submission | 39 | Attorney Docket Number | HYG 1194-011D |

ENCLOSURES (Check all that apply)

| | | |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <u>check and post card</u> |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|--------------------------------|
| Firm or Individual name | Cheryl S. Scotney, Reg. 46,218 |
| Signature | <i>Cheryl S. Scotney</i> |
| Date | 03/12/2004 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

| | | | |
|-----------------------|-----------------------|------|------------|
| Typed or printed name | Jody K. Prince | | |
| Signature | <i>Jody K. Prince</i> | Date | 03/12/2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

FEE TRANSMITTAL

for FY 2003

Effective 0110112003. Patent fees are subject to annual revision.

Complete if Known

☒ Applicant claims small entity status. See 37 CFR, 1.27

TOTAL AMOUNT OF PAYMENT \$ 665.00

Application Number 09/694,393
 Filing Date 10/23/2000
 First Named inventor Wille, Jr.
 Examiner Name Bruce Kisliuk
 Art Unit Technology Center 1600
 Attorney Docket No. HYG 1194-011D

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 19-4076 (any excess fees)
 Deposit Account Name Standley Law Group LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 1001 770 | 2001 385 | Utility filing fee | |
| 1002 340 | 2002 170 | Design filing fee | |
| 1003 530 | 2003 265 | Plant filing fee | |
| 1004 770 | 2004 385 | Reissue filing fee | |
| 1005 160 | 2005 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | (\$) |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims -20- = X Fee Paid
 Independent Claims -3- = X Fee Paid
 Multiple Dependent = Fee Paid

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|--|
| 1202 18 | 2202 9 | Claims in excess of 20 |
| 1201 86 | 2201 43 | Independent claims in excess of 3 |
| 1203 290 | 2203 145 | Multiple dependent claim, if not paid |
| 1204 86 | 2204 43 | ** Reissue independent claims over original patent |
| 1205 18 | 2205 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) \$

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 1051 130 | 2051 65 | Surcharge - late filing fee or oath | |
| 1052 50 | 2052 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 130 | 1053 130 | Non-English specification | |
| 1812 2,520 | 1812 2,520 | For filing a request for ex parte reexamination | |
| 1804 920* | 1804 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 1,840* | 1805 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 110 | 2251 55 | Extension for reply within first month | |
| 1252 420 | 2252 215 | Extension for reply within second month | |
| 1253 950 | 2253 475 | Extension for reply within third month | |
| 1254 1,480 | 2254 740 | Extension for reply within fourth month | |
| 1255 2,010 | 2255 1,005 | Extension for reply within fifth month | |
| 1401 330 | 2401 165 | Notice of Appeal | |
| 1402 330 | 2402 165 | Filing a brief in support of an appeal | |
| 1403 290 | 2403 145 | Request for oral hearing | |
| 1451 1,510 | 1451 1,510 | Petition to institute a public use proceeding | |
| 1452 110 | 2452 55 | Petition to revive - unavoidable | |
| 1453 1,330 | 2453 665 | Petition to revive - unintentional | 665.00 |
| 1501 1,330 | 2501 665 | Utility issue fee (or reissue) | |
| 1502 480 | 2502 240 | Design issue fee | |
| 1503 640 | 2503 320 | Plant issue fee | |
| 1460 130 | 1460 130 | Petitions to the Commissioner | |
| 1807 50 | 1807 50 | Processing fee under 37 CFR 1. 17(q) | |
| 1806 180 | 1806 180 | Submission of Information Disclosure Stmt | |
| 8021 40 | 8021 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 770 | 2809 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 770 | 2810 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 770 | 2801 385 | Request for Continued Examination (RCE) | |
| 1802 900 | 1802 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$ 665.00

SUBMITTED BY

Name (Print/Type) Cheryl S. Scotney Registration No. (Attorney/Agent) 46,218 Telephone (614) 792-5555
 Signature [Signature] Date 03/12/2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1. 17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventor: John J. Wille, Jr.

Attorney Docket No: 1194-011D

Serial No.: 09/694,393

Filing Date: October 23, 2000

Bruce M. Kisliuk
Director, Technology Center 1600

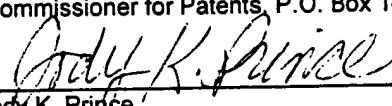
Title: PROTEIN-FREE DEFINED MEDIA
FOR THE GROWTH OF NORMAL
HUMAN KERATINOCYTES

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8 (A)

Date of Deposit: March 12, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail in an envelope addressed to Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450


Jody K. Prince

PETITION TO REVIVE UNINTENTIONALLY ABANDONED APPLICATION

Sir:

The above-identified application has become abandoned for failure to submit formal drawings in compliance with the Notice of Allowance. Initially, new drawings in the form of photomicrographs are enclosed. The entire delay in properly complying with the formal drawing requirement was unintentional.

Applicant believes that it will be obvious that the entire delay was unintentional inasmuch as formal drawings were submitted within the time frame noted in the NOA, but that they were found unacceptable inasmuch as the Examiner objected to the

numbering of the figures. Additionally, some photomicrographs became dislodged from their Bristol board mounts after arriving at the PTO. Since that initial submission, the PTO Rules have changed and Bristol board mounting no longer is acceptable. Therefore, the attached photomicrographs are not mounted but rather stand alone.

Applicant initially responded to the Notice of Abandonment with a Petition to Withdraw the Holding of Abandonment on January 23, 2003. That Petition was denied on March 13, 2003 with a notation that a renewed Petition must be submitted. A second Petition to Withdraw the Holding of Abandonment was filed on May 13, 2003. That Petition also was denied on January 12, 2004 indicating that the proper recourse is the instant Petition to Revive citing unintentional abandonment. Copies of the series of petitions and decisions are attached.

Applicant offers the following in-depth explanation and reiterates the facts as to events leading to this Petition to Revive. After receipt of the Notice of Abandonment, the undersigned was engaged in conversations with the following individuals telephonically and was communicating via facsimile concerning the formal drawings. Copies of the facsimile communications are attached. It should be noted that as early as May 21, 2002, following telephonic communications, Jody Prince, a paralegal in our office, faxed a post card receipt to Mr. Tom Hawkins in Publications, because Mr. Hawkins had indicated that he had not received the Letter to the Official Draftsman that accompanied the issue fee payment. Mr. Hawkins indicated that if he received our post card receipt and if he could locate the communication to which it referred, the holding of abandonment should be able to be withdrawn. The facsimile communication also

indicates that Cheryl Scotney would be calling Mr. Hawkins to discuss the matter. After several telephonic discussions with Mr. Hawkins concerning whether his receipt of our post card would cause the holding of abandonment to be withdrawn, to which a definite answer was never given, the undersigned first contacted the Examiner, Leon Lankford, Jr. at telephone number 703-308-2455 and was told to contact another person in Publications by the name of LaMonte Newsome at the telephone number 703-305-5358 in an attempt to receive an answer. The noted conversations took place over a period of months. When a holding of withdrawal of the abandonment was not forthcoming, the undersigned deemed it prudent to file a Petition requesting the same.

Additionally, concerning the formal drawings the undersigned interpreted the Notice of Allowability to require a replacement Fig. 1A. It was not interpreted to require replacement drawings for previously submitted and accepted photomicrographs mounted on Bristol board. Therefore, the issue fee payment was accompanied by a response explaining that Fig. 1A was not required. The undersigned wishes to explain that new formal drawings were not submitted because it was not understood that they were necessary. As noted in the Petition Decision, Fig. 4A had been entered. Therefore it was unclear to the undersigned that any formal drawings were required based upon a review of the facts and the history of the file itself. The undersigned believed that the response filed with the issue fee payment was a fully compliant response concerning the formal drawings.

In further explanation, the undersigned reiterates the following statements that were made in the previously-submitted Petitions:

By a PETITION RESPONSIVE TO NOTICE OF OMITTED ITEM(S) IN A NONPROVISIONAL APPLICATION FILED UNDER 37 CFR 1.53(b) the following information was provided (a portion of the exact text of that petition is restated herein as follows):

A copy of Fig. 4A from Applicants photocopy made in this office of the application exactly as it was submitted to the PTO on October 23, 2000;

A copy of the patent application transmittal indicating 11 sheets of drawings; and

A copy of the return-receipt post card acknowledging receipt of 11 sheets of formal photomicrographs.

Applicant respectfully submits that at the time of receipt of the application in the PTO Mail Room, Fig. 4A was attached as acknowledged by the PTO stamp on the Post card indicating 11 sheets of formal photomicrographs.

Further evidencing the submission, Fig. 4A is discussed in the specification at the following locations:

Brief Description of the Drawings at page 17, first paragraph; and

Detailed Description of the Invention, Example 4, at page 29, lines 1-5.

In order to advance prosecution, a newly prepared Fig. 4A consisting of a mounted photomicrograph is attached for the record.

Therefore, a review of the official PTO record will reflect that, when compared to the specification as allowed, all drawings are present in the record and no further items are necessary in order for the patent to proceed to issuance. However, responsive to

the Petition Decision, new photomicrographs are attached. Applicant respectfully request that this Petition be granted and that the application proceed to issuance.

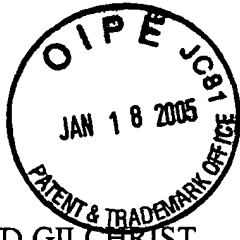
Respectfully submitted,

Dated: 3/12/04

By: 
Cheryl S. Scotney, Reg. No. 46,218
Attorney for Applicant
Standley Law Group LLP
495 Metro Place South, Suite 210
Dublin, Ohio 43017-5319
Telephone: (614) 792-5555
Facsimile: (614) 792-5536
E-mail: cscotney@standleyllp.com



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DUBLIN, OH 43017

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Received International Dept.

JAN 27 2004

FEB 03 2004

STANDLEY LAW GROUP LLP

STANDLEY LAW GROUP

In re Application of
John J. Wille, Jr.
Serial No.: 09/694,393
Filed: October 23, 2000
Attorney Docket No.: 1194-011D

:
:
: PETITION DECISION
:
:

This is in response to the renewed petition under 37 CFR 1.181, filed May 15, 2003, for withdrawal of abandonment of the above identified application. The delay in acting on this petition is regretted.

A review of the file history is set forth in the previous petition decision and is not repeated herein. The previous decision set forth three requirements for applicant to meet in order to have the holding of abandonment withdrawn. These were (see page 3 of previous decision): (1) file new drawings in compliance with 37 CFR 1.84(b); (2) satisfactorily explain the delay in filing of the original petition; and (3) provide a satisfactory explanation as to why the Notice of Allowability requiring new drawings was not complied with.

With respect to requirement (1), applicant has supplied Bristol board mounted photographs (microphotographs) despite being noticed that such were no longer acceptable by reference to the highlighted portion of the rule quoted in the decision. **"Note that photographs filed on or after October 1, 2001, may no longer be mounted on Bristol Board."** October 1, 2001, does not refer to the filing date of the application, but the actual date of submission of new or corrected photographs. Further, only Figures 1B, 1C, 1D, 2A, 2B, 2C, 2D, and 3A were submitted. Figures 3B, 4A and 4B were not submitted.

With respect to item (2) above, a general explanation has been given, but lacks sufficient detail or evidence accompanying the statements to satisfy the requirement.

With respect to item (3) above, it is accepted that the examiner's notation on the Notice of Allowability and comments referring to Figure 1A can be interpreted to refer only to the missing figure (which was not present or referred to in the specification, and thus not required).

In view of the failure to comply with requirement (1) and to meet the explanation requirements of item (2) above, the petition is **DENIED**. Applicants may still file a petition under 37 CFR 1.137(b) within TWO MONTHS of the mail date of this decision. The request to consider this petition alternatively as a petition under 37 CFR 1.137(b) cannot be accorded. The petition must be a separate paper.

The application will be forwarded to the warehouse for storage.

Should there be any questions about this decision please contact William R. Dixon, Jr., by letter addressed to Director, TC 1600, at the address listed above, or by telephone at 703-308-3824 or by facsimile sent to the general Office facsimile number.

Bruce M. Kisliuk

Director, Technology Center 1600

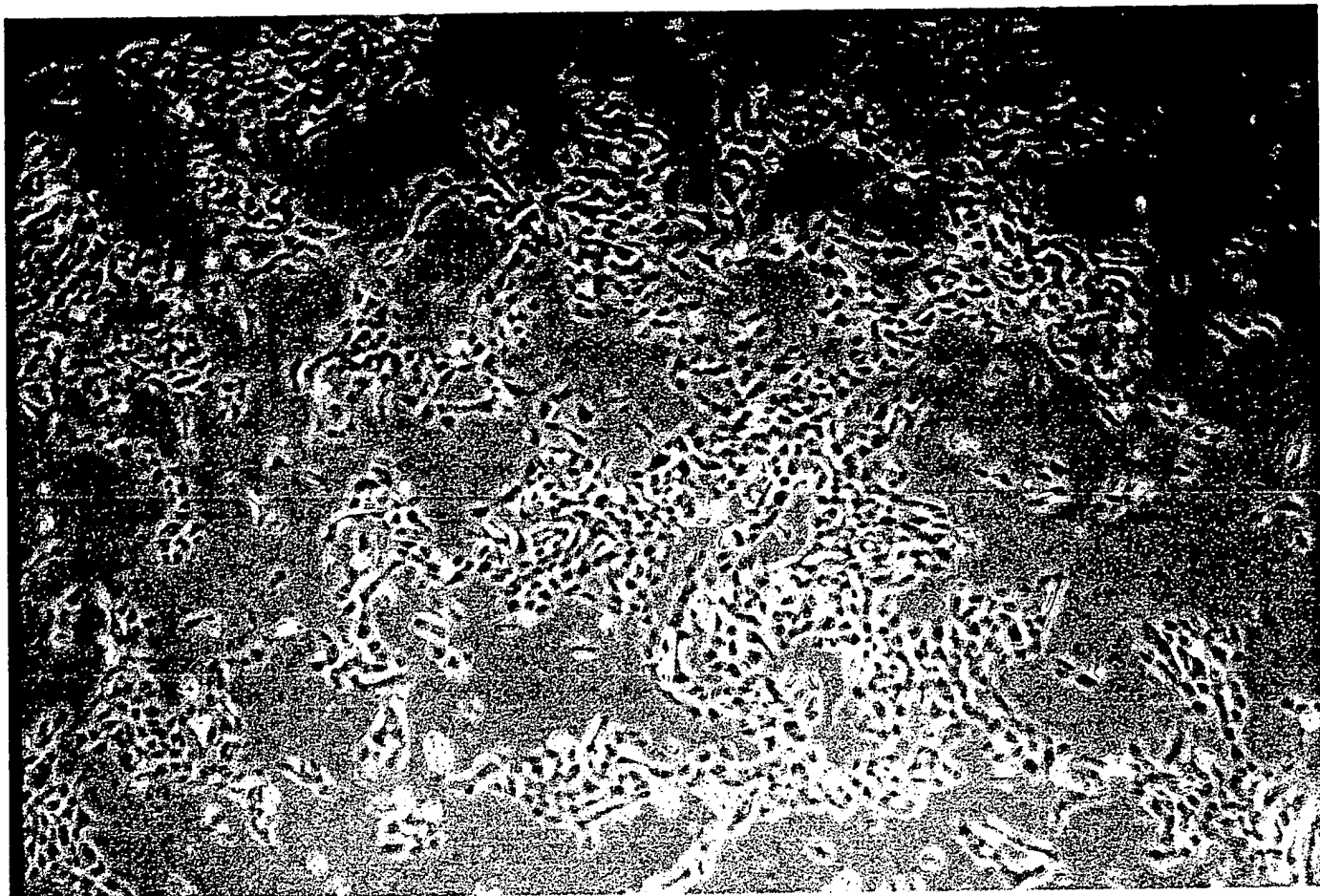
John D. (for)

STANDLEY LAW GROUP LLP

Received For Docketing

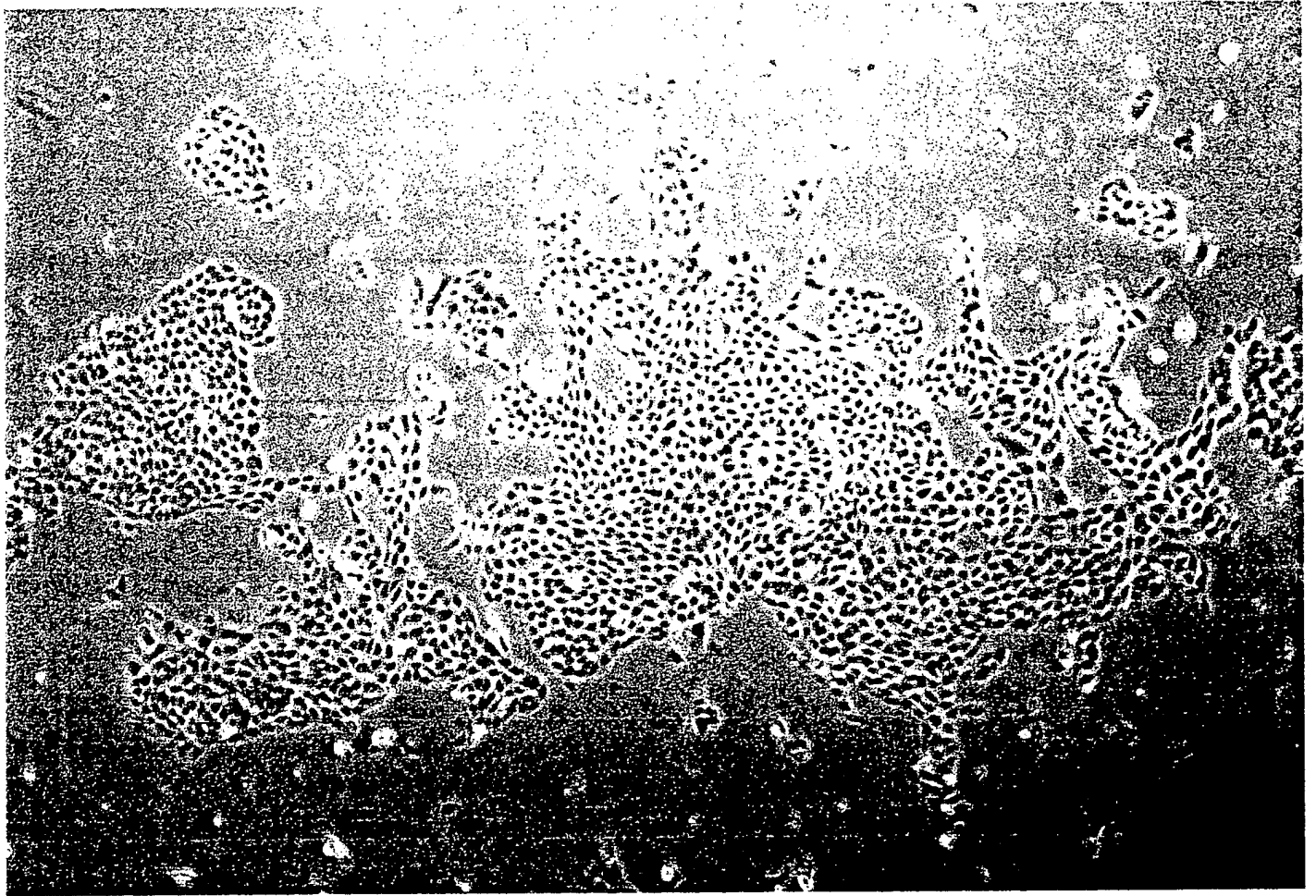
Date: 02/02/04 *LLG*

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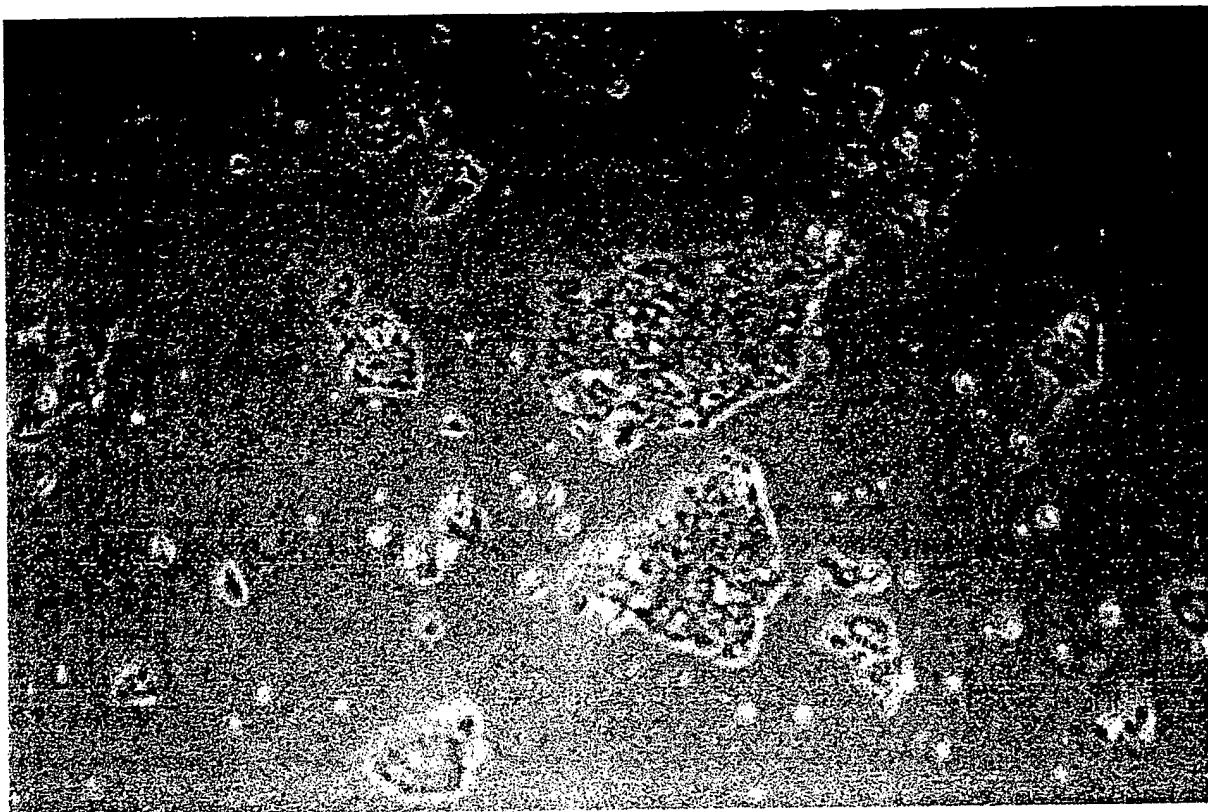
EXPERIMENT 2 - PLATE B - 72 HRS
COMPLETE MEDIA W/ PROTEIN GROWTH FACTORS
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X

FIGURE 1B



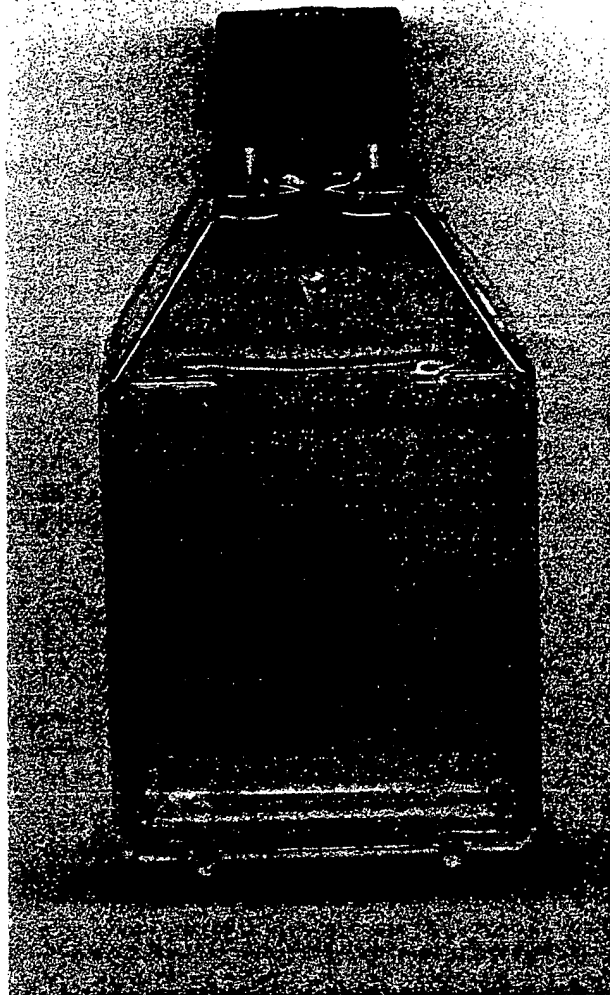
**EXPERIMENT 2 - PLATE C - 72 HRS
STANDARD MEDIA W/ RETINYL ACETATE
NO PROTEIN GROWTH FACTORS
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X**

FIGURE 1C



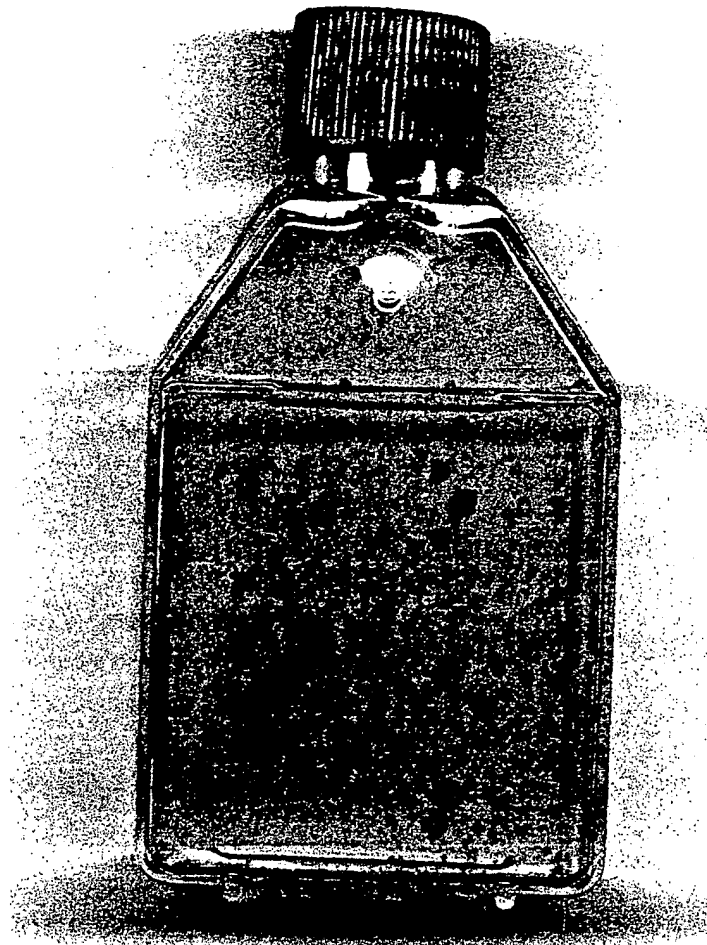
**EXPERIMENT 2 - PLATE D - 72 HRS
STANDARD MEDIA W/ NO RETINYL ACETATE &
NO PROTEIN GROWTH FACTORS
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X**

FIGURE 1D



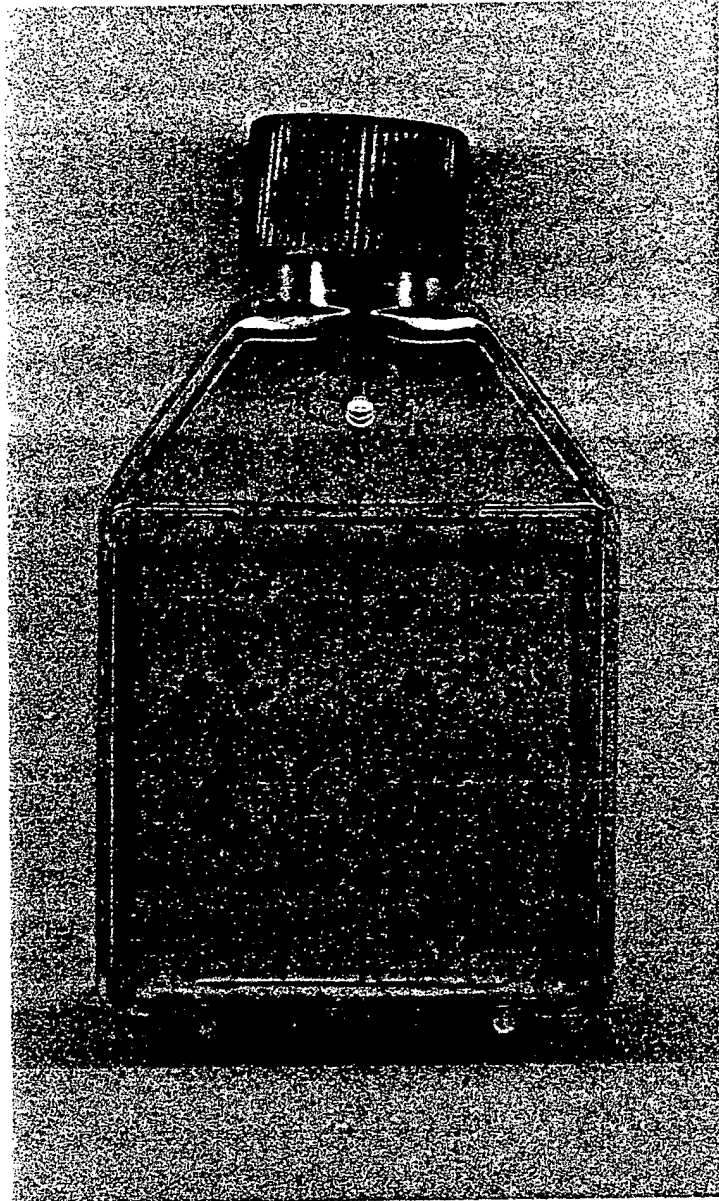
EXPERIMENT 2 - PLATE A - 1 HR
TOTAL CELL PLATING
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE
RELATIVE OPTICAL DENSITY UNITS = 1.0

FIGURE 2A



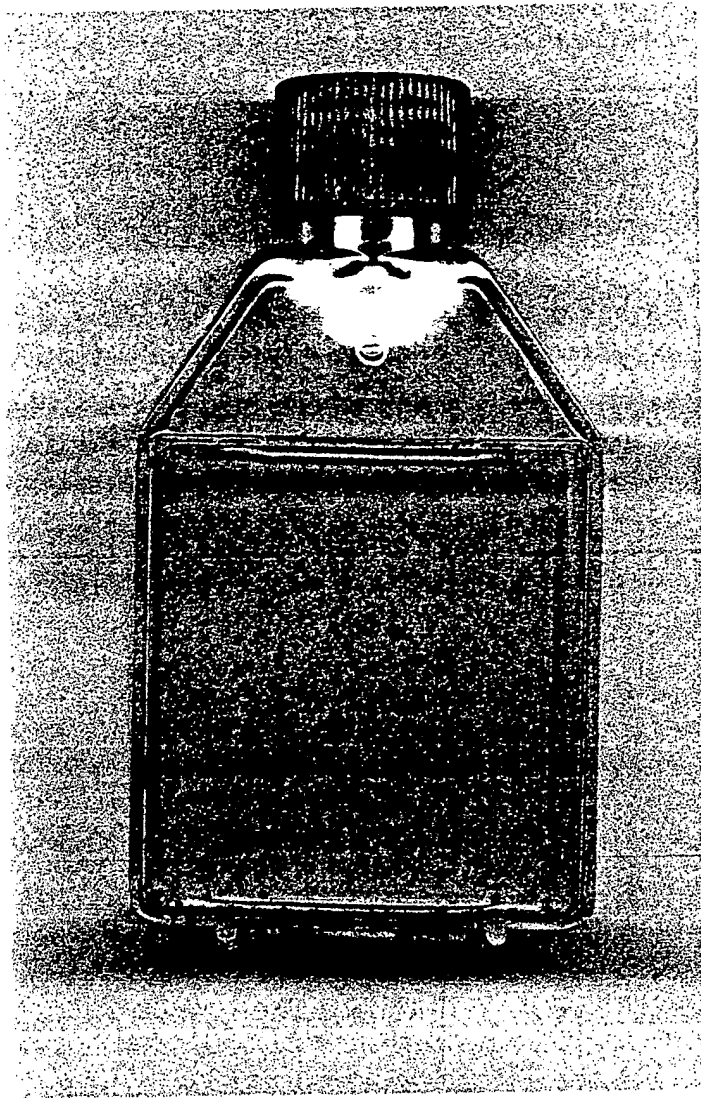
EXPERIMENT 2 - PLATE B - 72 HRS
COMPLETE MEDIA W/ PROTEIN GROWTH FACTORS
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE
RELATIVE OPTICAL DENSITY UNITS TO PLATE A = 33.8

FIGURE 2B



**EXPERIMENT 2 - PLATE C - 72 HRS
STANDARD MEDIA W/ RETINYL ACETATE
NO PROTEIN GROWTH FACTORS
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE
RELATIVE OPTICAL DENSITY UNITS TO PLATE A = 29.7**

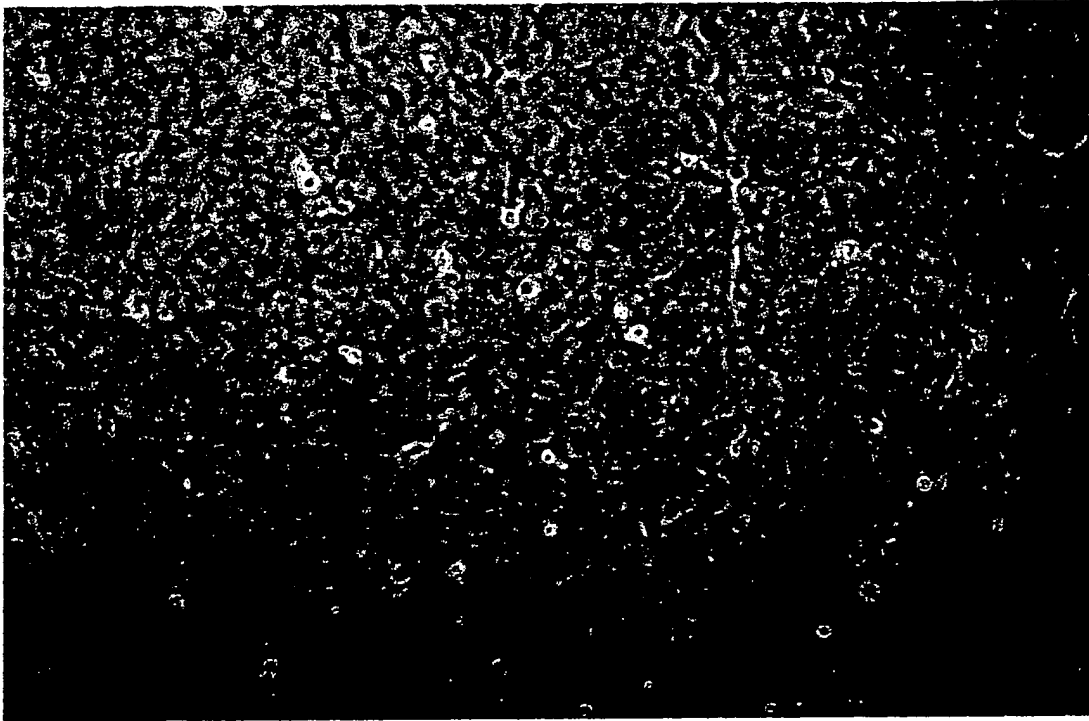
FIGURE 2C



**EXPERIMENT 2 - PLATE D - 72 HRS
STANDARD MEDIA W/ NO RETINYL ACETATE &
NO PROTEIN GROWTH FACTORS
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE
RELATIVE OPTICAL DENSITY TO PLATE A = 6.7**

FIGURE 2D

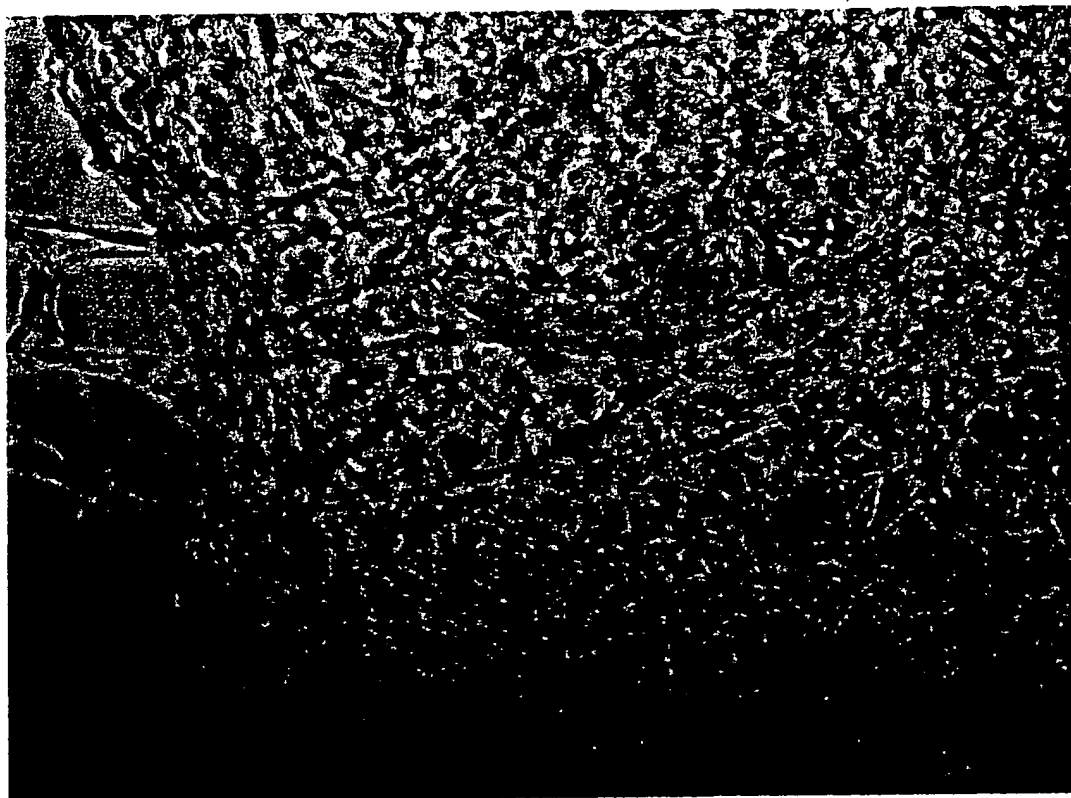
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***RETINYL ACETATE CULTURE TREATMENT
PRE-DISPASE RELEASE OF SKIN SHEET
PHASE CONTRAST MICROSCOPE
20X MAGNIFICATION***

FIGURE 3A

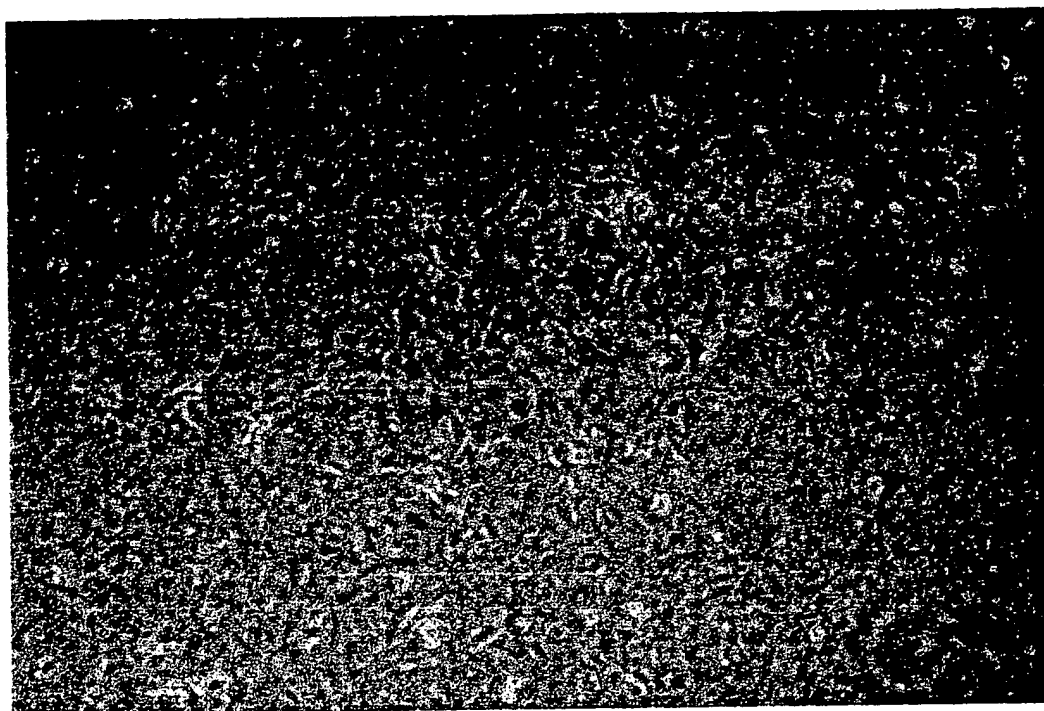
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RETINYL ACETATE
WITHOUT PROTEIN GROWTH FACTORS
RETINYL ACETATE - SKIN SHEET
TREATED W/ FBS +1mm Ca⁺⁺
DISPASE TOTAL RELEASE
PHASE CONTRAST MICROSCOPE
20X MAGNIFICATION

FIGURE 3B

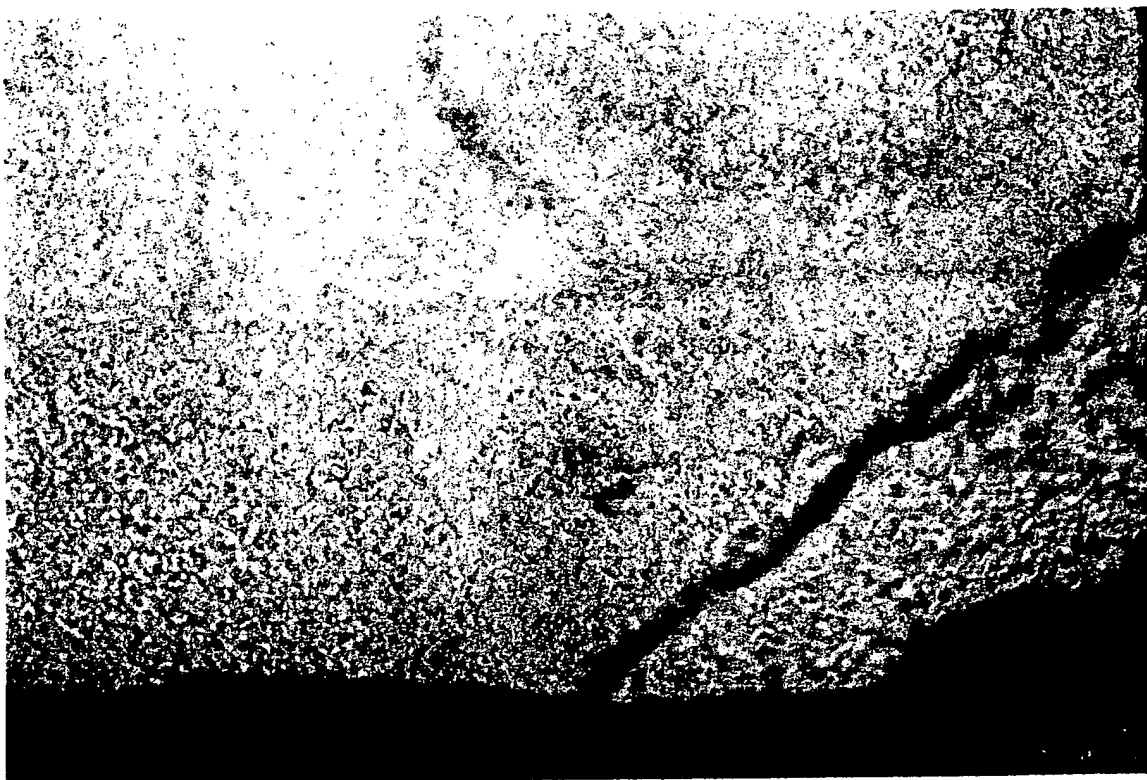
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TOTAL CELL PLATING
CONTROL
PHASE CONTRAST MICROSCOPE
20X MAGNIFICATION

FIGURE 4A

BEST AVAILABLE COPY



**WITH PROTEIN GROWTH FACTORS
TREATED W/ FBS + 1mm Ca⁺⁺
CONTROL - SKIN SHEET DISPASE RELEASED
PHASE CONTRAST MICROSCOPE
20X MAGNIFICATION**

FIGURE 4B